

ABSTRACT OF THE DISCLOSURE

Processes for the treatment of organic waste are disclosed comprising digesting organic waste under anaerobic conditions so as to convert at least a portion of the organic waste and produce a clear decant and a mixture of biomass and unconverted organic compounds, returning at least a portion of the mixture of biomass and unconverted organic compounds to the digesting step so as to control the system net growth rate therein, partially oxidizing at least a portion of the mixture of biomass and unconverted organic compounds to produce a conditioned effluent therein, and returning the conditioned effluent to the digesting step.

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